

CCL-FS

<b>ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1</b>					1. DATE (YYMMDD) <b>020111</b>		Form Approved OMB No. 0704-0188	
Public reporting burden for this collection of information is estimated to average 3 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.							2. PROCURING ACTIVITY NO. <b>L253001</b>	
PLEASE PRINT AND RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROCUREMENT ACTIVITY NUMBER LISTED IN ITEM 3 OF THIS FORM.							3. DODAAC	
4. ORIGINATOR			b. ADDRESS (City, Street, State, Zip Code)			5. CLASS OF ECP		
a. TYPED NAME (First, Middle Initial, Last) <b>Gerrit DeGraaf</b>			<b>GENERAL DYNAMICS ARMAMENT SYS 128 LAKESIDE AVE BURLINGTON, VT 05401-4985</b>			<b>I</b>		
6. JUST. CODE <b>D</b>			7. PRIORITY <b>R</b>					
8. BCP DESIGNATION						9. BASELINE AFFECTED		
a. MODEL/TYPE <b>7.62MM MG</b>		b. CAGE CODE <b>05606</b>		c. SYSTEM DESIGNATION <b>M60</b>		<input type="checkbox"/> FUNCTIONAL <input checked="" type="checkbox"/> ALLOCATED <input checked="" type="checkbox"/> PRODUCT		
d. BCP NO. <b>M60-05606-0001</b>				e. TYPE <b>F</b>		f. REV		10. OTHER SYS/CONFIG. ITEMS AFFECTED
						<input type="checkbox"/> YES <input checked="" type="checkbox"/> X NO		
11. SPECIFICATIONS AFFECTED <b>N/A</b>					12. DRAWINGS AFFECTED			
	CAGE Code	Specification/Document No.	Rev	SCN	CAGE Code	Number	Rev	NOR
a. SYSTEM					<b>19205</b>	<b>7269043</b>	<b>W</b>	<b>001</b>
b. DEVELOPMENT								
c. PRODUCT								
13. TITLE OF CHANGE <b>Material availability</b>								
14. CONTRACT NO. AND LINE ITEM <b>DAAE20-99-D-0153-0006</b>					15. PROCURING CONTRACTING OFFICER			
					a. NAME (First, Middle Initial, Last) <b>Betty Foulks</b>			
					b. CODE <b>AMSTA-LC-CSC-A</b> c. TELEPHONE NO. <b>(309) 782-4399</b>			
16. CONFIGURATION ITEM NOMENCLATURE <b>7.62MM, M60 MACHINE GUN</b>							17. IN PRODUCTION	
							<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
18. ALL LOWER LEVEL ITEMS AFFECTED								
a. NOMENCLATURE <b>TUBE</b>					b. PART NO. <b>7269043</b>		c. NSN <b>N/A</b>	
19. DESCRIPTION OF CHANGE <b>Change MIL-S-11595 in drawing note 3 to MIL-B-11595. Add MIL-S-46047 steel to drawing note 3 as an alternative material.</b>								
20. NEED FOR CHANGE <b>MIL-S-11595 is no longer an active specification. It has been superseded by MIL-B-11595. MIL-S-46047 steel is more readily available and has a cleaner chemistry listed in the specification providing an overall cleaner steel for this application compared to MIL-S-11595 steel currently specified. MIL-S-46047 steel has a proven track record as a barrel steel used in larger barrels such as .50 CAL, 20MM, 25MM and is also an approved alternative material for the M60 Retainer Liner, P/N 7269045.</b>								
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER <b>N/A</b>					22. EFFECT ON PRODUCTION DELIVERY SCHEDULE <b>NONE</b>			
23. RETROFIT								
a. RECOMMENDED ITEM EFFECTIVITY <b>N/A</b>					c. SHIP/VEHICLE CLASS AFFECTED <b>N/A</b>			
b. ESTIMATED KIT DELIVERY SCHEDULE <b>N/A</b>					d. LOCATIONS OR SHIP/VEHICLE NUMBERS AFFECTED <b>N/A</b>			
24. ESTIMATED COST/SAVINGS UNDER CONTRACT <b>NONE</b>					25. ESTIMATED NET TOTAL COSTS/SAVINGS <b>N/A</b>			
26. SUBMITTING ACTIVITY					b. TITLE			
a. AUTHORIZING SIGNATURE <b>Gerrit DeGraaf</b>					<b>Configuration Manager</b>			
27. APPROVAL								
a. CLASS I <input checked="" type="checkbox"/> APPROVAL RECOMMENDED <input type="checkbox"/> DISAPPROVAL RECOMMENDED			b. CLASS II <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED			c. CLASS II <input type="checkbox"/> CONCLUDE IN CLASSIFICATION OF CHANGES <input type="checkbox"/> DO NOT CONCLUDE IN CLASSIFICATION OF CHANGES		
d. GOVERNMENT ACTIVITY					e. SIGNATURE		f. DATE (YYMMDD)	
g. APPROVAL <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED					h. GOVERNMENT ACTIVITY <b>ACOM-ARDEC, AMSTA-AR-OC-L</b>		i. SIGNATURE <b>Ronald E. Ebo</b> <b>Chief, CCAC</b>	
							j. DATE (YYMMDD) <b>20020215</b>	

NOTICE OF REVISION (NOR)		1. DATE (YYMMDD) 020111	Form Approved OMB No. 0704-0188
THIS REVISION DESCRIBED BELOW HAS BEEN AUTHORIZED FOR THE DOCUMENT LISTED.			
<small>Please provide the following information to the manufacturer of the document to be revised: (1) Name of the manufacturer, (2) Name of the document, (3) Date of revision, (4) Name of the revising agency, (5) Name of the revising official, (6) Name of the revising official's title, (7) Name of the revising official's organization, (8) Name of the revising official's address, (9) Name of the revising official's telephone number, (10) Name of the revising official's fax number, (11) Name of the revising official's e-mail address, (12) Name of the revising official's internet address, (13) Name of the revising official's web page, (14) Name of the revising official's social media profile, (15) Name of the revising official's other contact information.</small>		2. PROCURING ACTIVITY NO. <b>L253001</b>	
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO EITHER OF THESE ADDRESSES. RETURN COMPLETED FORM TO THE GOVERNMENT ISSUING CONTRACTING OFFICER FOR THE CONTRACT/PROCURING ACTIVITY NUMBER LISTED IN ITEM 2 OF THIS FORM.		3. DODAAC	
4. ORIGINATOR	b. ADDRESS (Street, City, State, Zip Code)	6. CAGE CODE	8. NOR NO.
a. TYPED NAME (First, Middle Initial, Last)  N/A	GENERAL DYNAMICS ARMAMENT SYS 128 LAKESIDE AVE BURLINGTON, VERMONT 05401-4865	05606	001
		7. CAGE CODE 19200	9. DOCUMENT NO. 7299043
9. TITLE OF DOCUMENT  TUBE	10. REVISION LETTER a. CURRENT W	b. NEW	11. ECP NO. M60-05606-0001
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES 7.62MM, M60 MACHINE GUN		b. SHEET NO. SH 1 OF 1	
13. DESCRIPTION OF REVISION			
<p>A) CHANGE DRAWING NOTE 3:</p> <p>FROM: MATERIAL: STEEL, SPEC MIL-S-11595: CHROMIUM -----</p> <p>TO: MATERIAL: STEEL, SPEC MIL-B-11595 OR MIL-S-48047: CHROMIUM -----</p>			
14. THIS SECTION FOR GOVERNMENT USE ONLY			
a. (X one)	<input checked="" type="checkbox"/> (1) Existing document supplemented by this NOR may be used in manufacture. <input type="checkbox"/> (2) Revised document must be received before manufacturer may incorporate this change. <input type="checkbox"/> (3) Continuation of master document shall retain above revision and furnish revised document.		
b. APPROVING OFFICIAL (Print, Middle Initial, Last)	c. TYPED NAME (Print, Middle Initial, Last)		
THOMAS J. BROWN			
d. SIGNATURE	e. DATE (YYMMDD)	f. DATE (YYMMDD)	
<i>Thomas J. Brown</i>	20020205	20020205	
10A. AGENCY ADOPTING REVISION	b. REVISION COMPLETED (Signature)	c. DATE (YYMMDD)	

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1						1. DATE (YYMMDD) 020122		Form Approved OMB No. 0704-0188			
<small>Please complete this form for the submission of information to estimate a change or design per contract. It includes the data for estimating instructions, estimates, estimates data system, gathering and analysis of data, and other information. This form is used by the contractor to submit information to the government. The contractor must submit this form to the government along with the supporting information. The contractor must also submit this form to the government along with the supporting information. The contractor must also submit this form to the government along with the supporting information.</small>										2. PROCURING ACTIVITY NO. <b>L2S3006</b>	
										3. DODAAC	
4. ORIGINATOR a. TYPED NAME (First, Middle Initial, Last) <b>Gerrit DeGraaf</b>				b. ADDRESS (City, Street, State, Zip Code) <b>GENERAL DYNAMICS ARMAMENT SYS 128 LAKEBIDE AVE BURLINGTON, VT 05401-4985</b>				5. CLASS OF ECP <b>IJ</b>			
								6. JUST. CODE <b>D</b>		7. PRIORITY <b>R</b>	
8. ECP DESIGNATION						9. BASELINE AFFECTED					
a. MESSAGE TYPE <b>7.62MM MG</b>		b. CAGE CODE <b>05606</b>		c. SYSTEM DESIGNATION <b>M60</b>				FUNCTIONAL ALLOCATED <input checked="" type="checkbox"/> PRODUCT			
d. ECP NO. <b>M60-05606-0002</b>				e. TYPE <b>F</b>		f. REV		10. OTHER SYS./CONFIG. ITEMS AFFECTED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			
11. SPECIFICATIONS AFFECTED <b>N/A</b>						12. DRAWINGS AFFECTED					
		CAGE Code	Specification/Document No.	Rev	SCN	CAGE Code	Number	Rev	NOR		
a. SYSTEM						19200	SQ7269028	V	001		
b. DEVELOPMENT											
c. PRODUCT											
13. TITLE OF CHANGE <b>Correction to Quality Assurance Provisions</b>											
14. CONTRACT NO. AND LINE ITEM <b>DAAE20-99-D-0153-0006</b>						15. PROCURING CONTRACTING OFFICER a. NAME (First, Middle Initial, Last) <b>Betty Foulks</b> b. CODE <b>AMSTA-LC-CSC-A</b> c. TELEPHONE NO. <b>(309) 782-3991</b>					
16. CONFIGURATION ITEM NOMENCLATURE <b>7.62MM M60 MACHINE GUN</b>								17. IN PRODUCTION <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
18. ALL INFORMATION ITEMS AFFECTED											
a. NOMENCLATURE <b>BARREL ASSEMBLY</b>						b. PART NO. <b>SQ7269028</b>		c. NSN <b>N/A</b>			
19. DESCRIPTION OF CHANGE <b>Change Characteristic 104 on page 9 under Inspection Position D; From: .200 True position, bore with grooves in tube; To: .002 True position, bore with grooves in tube.</b>											
20. NEED FOR CHANGE <b>This change is needed to correct an error that was made when incorporating Item 7 of NOR GOS4310R1.</b>											
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER <b>N/A</b>						22. EFFECT ON PRODUCTION DELIVERY SCHEDULE <b>NONE</b>					
23. REPROFIT											
a. RECOMMENDED ITEM EFFECTIVITY <b>N/A</b>						c. SHIP/VEHICLE CLASS AFFECTED <b>N/A</b>					
b. ESTIMATED KIT DELIVERY SCHEDULE <b>N/A</b>						d. LOCATIONS OR SHIP/VEHICLE NUMBERS AFFECTED <b>N/A</b>					
24. ESTIMATED COST SAVINGS UNDER CONTRACT <b>NONE</b>						25. ESTIMATED NET TOTAL COSTS/SAVINGS <b>N/A</b>					
26. SUBMITTING ACTIVITY a. AUTHORIZING SIGNATURE <b>Gerrit DeGraaf</b>						b. TITLE <b>Configuration Manager</b>					
27. APPROVAL											
a. CLASS I AS MODIFIED				b. CLASS II				c. CLASS II			
<input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/> RECOMMENDED				<input type="checkbox"/> DISAPPROVED <input type="checkbox"/> RECOMMENDED				<input type="checkbox"/> DISAPPROVED <input type="checkbox"/> RECOMMENDED			
d. GOVERNMENT ACTIVITY						e. SIGNATURE				f. DATE (YYMMDD)	
g. APPROVAL						h. GOVERNMENT ACTIVITY				i. DATE (YYMMDD)	
<b>APPROVED</b>						<b>FORWARD E. E. [Signature]</b>				<b>20020215</b>	
<b>COM-ANDEC, AMSTA-AR-GCL-F</b>											

NOTICE OF REVISION (NOR)		1. DATE (YYMMDD) 020122	Form Approved OMB No. 0704-0188
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4. ORIGINATOR	b. ADDRESS (Street, City, State, Zip Code)	5. CAGE CODE	6. NOR NO.
a. TYPED NAME (First, Middle Initial, Last)  N/A	GENERAL DYNAMICS ARMAMENT SYS 128 LAKESIDE AVE BURLINGTON, VERMONT 05401-4985	05606	001
		7. CASE CODE 19200	8. DOCUMENT NO. SQ7269028
9. TITLE OF DOCUMENT	10. REVISION LETTER	11. ECP NO.	
BARREL ASSEMBLY	a. CURRENT V*	b. NEW	
12. CONFIGURATION ITEM (OR SYSTEM) TO WHICH ECP APPLIES	b. SHEET NO.	M60-05606-0002	
7.62MM, M60 MACHINE GUN	SH 1 OF 1		
13. DESCRIPTION OF REVISION			
<p>* THE DESCRIBED CHANGES APPLY TO REV V, SUPPLEMENTED BY THE FOLLOWING APPROVED NOR: M602660</p> <p>ON PAGE 9, UNDER INSPECTION POSITION D; CHANGE CHARACTERISTIC 104:</p> <p>FROM: .200 TRUE POSITION, BORE WITH GROOVES IN TUBE.</p> <p>TO: .002 TRUE POSITION, BORE WITH GROOVES IN TUBE.</p>			
14. THIS SECTION FOR GOVERNMENT USE ONLY			
a. (X one)	<input checked="" type="checkbox"/> (1) Existing document supplemented by this NOR may be used in manufacture. <input type="checkbox"/> (2) Revised document must be received before manufacturer may incorporate this change. <input type="checkbox"/> (3) Custodian of master document shall make above revision and furnish revised document.		
b. ACTIVITY AUTHORIZED TO APPROVE CHANGES FOR GOVT	c. TYPED NAME (First, Middle Initial, Last)		
TACOM/ARDEC, AMSTA-AD-001-J			
d. SIGNATURE	e. DATE SIGNED		
CMC, COAC Prod & Field Spt Team	20020215		
15a. ACTIVITY ACCOMPLISHING REVISION	b. REVISION COMPLETED (Signature)	c. DATE SIGNED (YYMMDD)	



**DEPARTMENT OF THE ARMY**  
**UNITED STATES ARMY TANK - AUTOMOTIVE AND ARMAMENTS COMMAND**  
**ROCK ISLAND, ILLINOIS 61298-7630**

**28 FEB 2002**

REPLY TO  
ATTENTION OF

Aircraft Armament & Small Arms Contracting Group- Team A

SUBJECT: DAAE20-99-D-0153/0006

Mr. Jim Reed  
General Dynamics Armament Systems  
128 Lakeside Avenue  
Burlington, Vt. 05401-4985

Dear Mr Reed:

Engineering Change Proposals (ECPs) M60-05606-0001, and M60-05606-0002, and the Government's Control Numbers L2S3001, and L2S3006 have been evaluated and are approved for incorporation into subject contract on an optional no cost basis in accordance with FAR 52.243-1, Changes. A copy of the ECPs are attached: ECP L213001 updates material specification and add alternate material, and L2S3006 correct QAP characteristic to agree with drawing requirement and intent of previous revision.

If you can incorporate this change at no cost to the Government and no change to the delivery schedule, please have an authorized representative from your company sign the acknowledgement below. This letter becomes your authorization to proceed with the ECPs. Your authorized representative's signature signifies your agreement to the change described above and your willingness to incorporate it at no cost to the Government and no change to the delivery schedule. These changes are effective on the date you sign the acknowledgement.

A formal modification will be issued to incorporate these  
Changes.

ACKNOWLEDGEMENT

SIGNATURE *James E. Reed* DATE *3-19-02*  
TYPED NAME James E. Reed TITLE Contract Manager

If you cannot incorporate these ECPs at no cost to the  
Government and no change to the delivery schedule, please  
notify us at once. If you plan to submit a cost proposal,  
do not incorporate these ECPs until the contracting officer  
gives direction to do so.

Should you have any questions regarding the above, please  
contact Betty Foulks, (309)-782-4399, datafax number  
(309)782-6016.

Sincerely

*Kristan A. Mendoza*  
Kristan A Mendoza  
Contracting Officer

CF: DCMC Boston